Subject index of Volume 139 · 1998

Acamprosate 391
Acoustic startle response 322
Activity 300
Acute tobacco withdrawal 217
Affect 364
Aggression 160, 364
Agonistic behavior 160
κ agonists 281
Alcohol 2, 53, 86, 117, 128, 160
Alcohol dependence 44
Alprazolam 269
Amnesia 34
Amygdala 71, 95, 136
Antinociception 364
Antipsychotics 356
Anxiety 128, 185, 203, 217, 383
Anxiolytic 160
Anxiolytics 117
Autoreceptor 332
Autoshaping 154, 376
Aversion 62
Behavioral economics 169
Behavioral sensitization 281
Benzodiazepine 117
Body weight 128
Bout structure 342
Brain 128
Brain to plasma level ratio 356
Buspirone 402
Ca^{2+} 255
Caffeine 195, 230
Carbohydrate 217
Chronic isolation 255
Cigarette smoking 288
Circadian factor 185
Cocaine 169
Cocaine dependence 44
Coffee 230
Cognition 261
Cognitive function 230
Communication 117
Comorbidity 20
Compensation 291
Conditioned behavior 117
Conditioned place aversion 62
Conditioned place preference 62
Conditioning 71
Corticotropin-releasing factor 128
Corticotropin-releasing hormone 128
Cortisol 243
Craving 20, 169
CYP3A4 269
DA 255
DA-5-HT interaction 300
Delay-of-reward 376
Dependence 2
Depression 20
Discriminative stimulus 95
Dizocilpine 86
Dopamine 222, 391
Dopamine D_2 autoreceptors 79
Dopamine D_2-like receptor 332
Dopamine D_3 receptor 332
Dopamine receptor 332
Dopamine release 79
Dose-tissue level relationship 356
Drinking 128
Drug abuse 154, 376
Drug choice 195
Drug discrimination 86, 95
Drug intake 128
Drug self-administration 169, 195, 274
DU 125,530 383
Eclipse cigarettes 288
Ecstasy 261
Elevated plus-maze 185
Enkephalin 251
ERP 136
ERPs 311
Ethanol 34, 62, 71, 86, 95, 128, 136, 154, 203, 210, 376
Ethanol intake 108
Ethanol withdrawal 145
3,4 ethylenedioxymethamphetamine 261
Exocytosis 255
Extinction 62
Fawn Hooded rat 203
Fear-potentiated startle response 383
Feeding 117
Flesinoxan 160, 383
Food intake 128
Frontal cortex 95, 136, 255
FTC smoking 291
GABA 108
$GABA_A$ 86, 95
GBR12909 79
Gene expression 2
Generalized anxiety disorder 402
Globus pallidus 251
Glutamate 71
Grooming 300
Growth hormone 243
Headbobbing 332
Heroin 251, 281
Heroin self-administration 391
Hippocampus 34, 95, 255
5-HT 86, 255
5-HT receptor agonist 160
5-HT receptor antagonist 160
5-HT_{1A} receptor 185, 300
5-HT_{1A} receptor agonist 300
15-HT_{1A} receptor agonist 383
5-HT_{1A} receptor antagonist 300
15-HT_{1A} receptor antagonist 383
Human 195
Human volunteer 243
Humans 169
Hydrocortisone 243
9-Hydroxy-risperidone 356
Hydroxyzine 402
Hypericum 286
Ibogaine 274
ICV 128
Immediate early gene 34
Impulsivity 154, 376
In vivo microdialysis 274
Inbred mice 62
Incentive salience 342
Individual differences 376
Inositol 239
Interaction 269
Intravenous self-administration 53
Isolation-rearing 203, 210
Itraconazole 269
Kainic acid 145
Kappa-opioid 342
Kindling 145
Latent inhibition 322
Learning 34, 154
Lever-press 154
Licking behaviour 342
Limbic system 95
Lithium chloride 62
Locomotion 160, 281, 300, 322, 332
Locomotor activity 62, 203
Locomotor behaviour 239
Lower lip retraction 383
LY293284 185
LY297996 185
LY315712 185
MDMA 261
Medications 20
Memory 261
Metabolites 291
18-Methoxycoronaridine 274
Mice 145, 185
Microdialysis 71, 251
Microinjection 108
MK-801 95
Mood 261
Morphine 222
Motor activity 160
Multiple-choice procedure 195
Mu-opioid 342
Muscimol 95
Naloxone 62
Naltrexone 44
NDL-249 300
Neuroactive steroids 2
Neuroleptic-induced catalepsy 322
Neurotoxicity 261
Nicotine 217, 274, 288, 291, 311
Nicotine delivery system 288
NMDA 86, 95, 145
Non-humans 169
NPY 136
Nucleus accumbens 79, 95, 222, 255, 391
Observation 300
8-OH-DPAT 300, 383
Operant behavior 53
Opiates 169, 251
Opioid 222
Opioid antagonists 53
Opioid system 62
Opioids 364
Oral self-administration 53
P300 311
Palatability 342
Pavlovian conditioning 154
Pentylenetetrazol 145
Pharmacotherapy 20, 44
Physical dependence 195
Picrotoxin 108
(±)-Pindolol 383
Place conditioning 332
Prepulse inhibition 322
Primate 117
Progressive ratio 169
Prolactin 243
Psychomotor performance 230
Quinpirole 79
Raclopride 300
Rapid eye movement sleep 286

Rat 86, 95, 128, 154, 210, 342, 356, 364, 376, 383
Rearing 239, 300
Regional brain distribution 356
Reinforcement 62, 169, 195
Reinforcing efficacy 169
Reinstatement 391
Relapse 391
Release 255
Repeated administration 332
Reward 62, 222
Risperidone 356
RU 51599 281
Saccharin 210
Safer cigarettes 288
Saliva 291
SCH-23390 300
Schizophrenia 322
Seizures 145
Selected mouse lines 322
Self-administration 2, 128, 281
Self-stimulation 222
Sensitivity 376
Sensitization 2, 332, 391
Serial-probe memory task 311
Serotonin 160, 243, 261
Sleep polysomnogram 286
Smoking 274, 311
Social behavior 117
Somatodendritic dopamine release 79
Stereotypy 332
Sternberg paradigm 311
Stress 128, 364, 391
Sucrose 210, 217
Sulpiride 79
Taurine 71
Tea 230
Tension 128
Tension reduction hypothesis 128
Third cerebral ventricle 128
Tissue distribution 356
Tolerance 2
L-Tryptophan 243
Urine 291
Vacuous chewing 300
Ventral pallidum 222, 251
Ventral tegmental area 79, 108, 222
Vocalization 117, 364
WAY-100 300, 383, 635
Wistar rat 203
Withdrawal 195
Working memory 311
Yawning 332